



UL Verification Services Inc.
7036 Snowdrift Road
Allentown, PA 18106
610-774-1300



Integrating Sphere Test Report

Relevant Standards

IES LM-79-2008, ANSI C82.77-2002, CIE 13.3-1995
CIE 15-2004, ANSI C78.377-2015, IES TM-30-2015

Prepared For

LDPI Inc

4404 Anderson Dr
Eau Claire, WI 54703
United States

Catalog Number

LE551-L3-V1-5-D-E

Order Number

12369265

Test Number

12369265.02

Test Date

2018-06-26

Prepared By

Javier Caban, Technician

Approved By

Kevin Rodriguez, Project Handler

The results contained in this report pertain only to the tested sample.
This report shall not be reproduced, except in full, without written approval of Underwriters Laboratories.
This report must not be used by the client to claim product certification, approval, or endorsement by
NVLAP, NIST, or any agency of the Federal Government.



Luminaire Description: Formed aluminum housing, clear/frosted glass lens enclosures
Lamp: 180 white LEDs
Mounting: Pendant
Ballast/Driver: One Inventronics EUD-096S210DTA driver

Luminaire



Summary of Results

Radiant Flux:	16750 mW
Luminous Flux:	5324 lm
Luminaire Efficacy:	122.1 lm/W
CCT:	4912 K
CRI (Ra):	83.7
Chromaticity (x):	0.3477
Chromaticity (y):	0.3554
Chromaticity (u):	0.2117
Chromaticity (v):	0.3246
Duv:	0.0008

Test Conditions

Test Temperature:	25.0 °C
Voltage:	120.0 VAC
Current:	0.3678 A
Power:	43.60 W
Power Factor:	0.988
Frequency:	60 Hz
Current THD:	8.11 %

Testing was performed in a 3-meter integrating sphere using the 4 π geometry method.
Absorption correction was employed for this measurement.



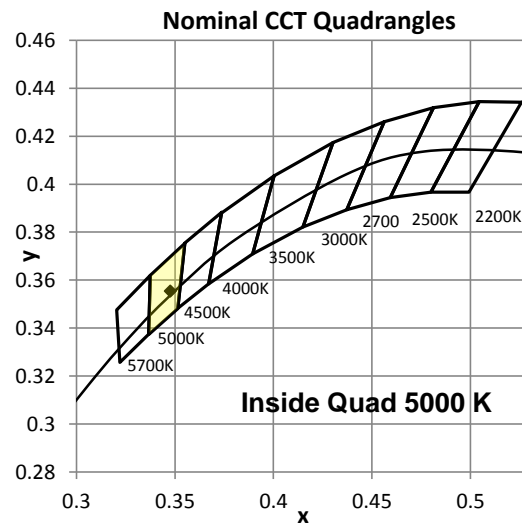
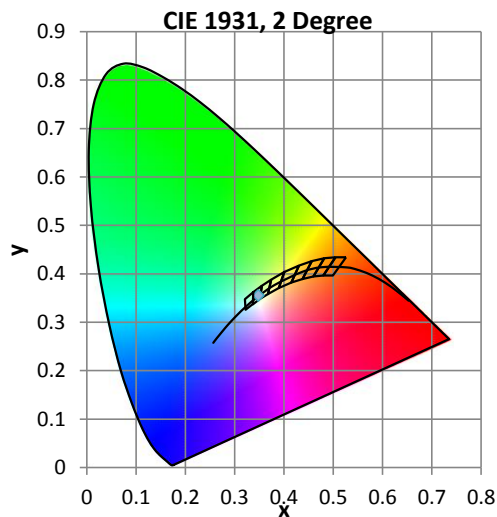
Color Quality - Integrating Sphere

Integrating Sphere Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.0 °C	120.0 VAC	0.3678 A	43.60 W	0.988	60 Hz	8.11 %

Summary of Results

Total Output:	5324 Lumens	Chromaticity (x):	0.3477
Efficacy:	122.1 lm/w	Chromaticity (y):	0.3554
CCT:	4912 K	Chromaticity (u'):	0.2117
CRI (Ra):	83.7	Chromaticity (v'):	0.4869
CRI (R9):	12.6	TM-30 Rf:	82.1
Peak Wavelength:	451 nm	TM-30 Rg:	96.3
Dominant Wavelength:	573 nm	Duv:	0.0008
S/P Ratio:	1.93		



Color Rendering Index Detail

Ra (CRI)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83.7	82.3	88.4	92.4	83.7	82.4	83.3	88.0	69.1	12.6	72.0	83.0	58.0	84.0	96.0	76.8

